

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\
 Data File : VX006774.D
 Acq On : 22 Dec 2018 16:09
 Operator : JC/MD
 Sample : J6533-16 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-4

Quant Time: Dec 24 12:02:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

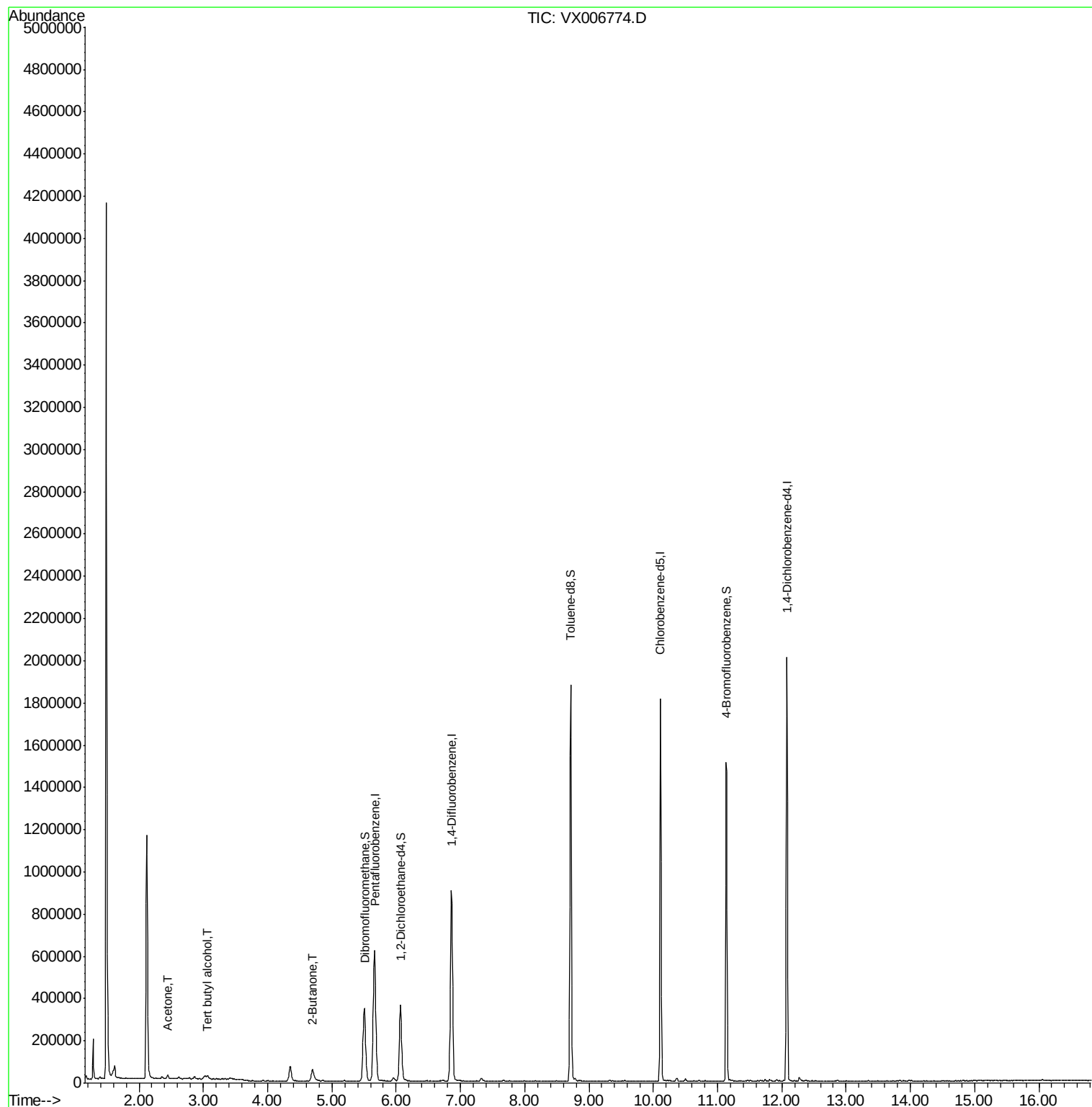
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	637019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	983803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	894816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	430345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	334986	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	5.51	113	296276	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	8.71	98	1150906	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	410957	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	22567	14.729	ug/l	97
16) Acetone	2.45	43	18211	5.774	ug/l	92
25) 2-Butanone	4.70	43	100062	22.553	ug/l	96

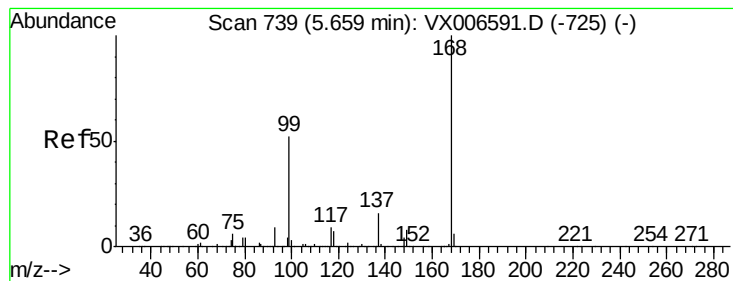
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122218\
Data File : VX006774.D
Acq On : 22 Dec 2018 16:09
Operator : JC/MD
Sample : J6533-16 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-4

Quant Time: Dec 24 12:02:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006774.D

Acq: 22 Dec 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

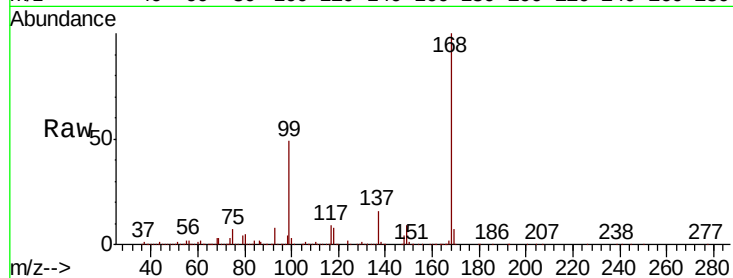
COMP-4

Tot Ion:168 Resp: 637019

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

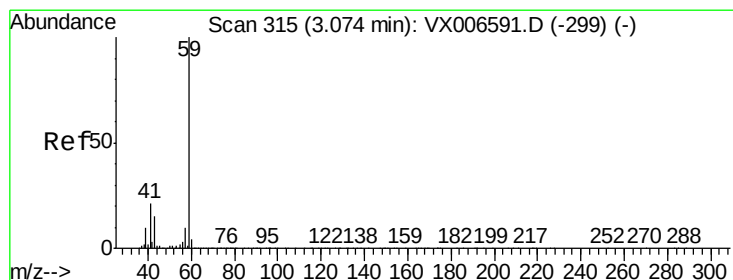
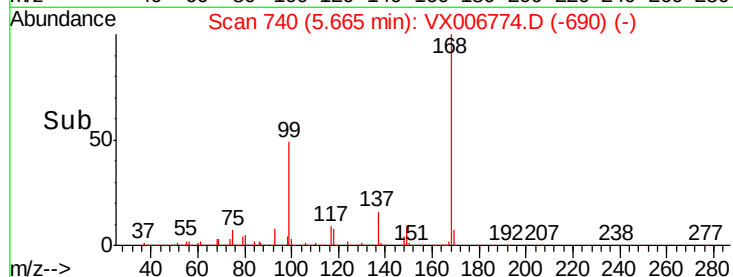
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#11

Tert butyl alcohol

Concen: 14.729 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006774.D

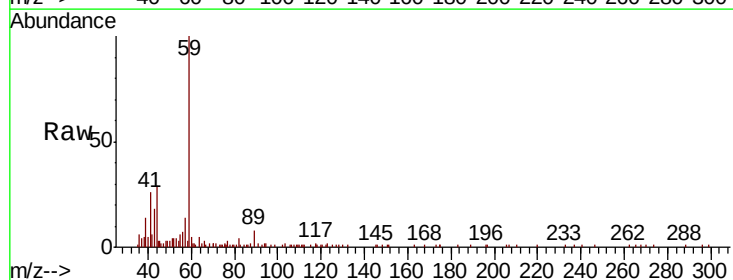
Acq: 22 Dec 2018 16:09

Tgt Ion: 59 Resp: 22567

Ion Ratio Lower Upper

59 100

57 11.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

10000

8000

6000

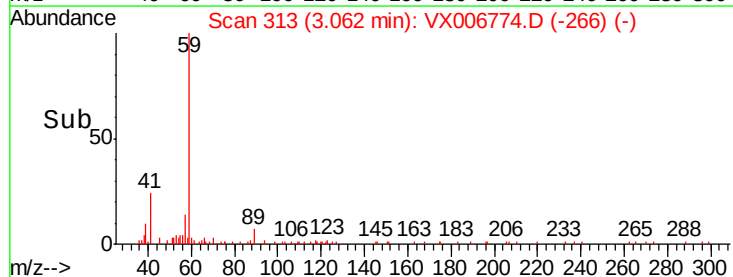
4000

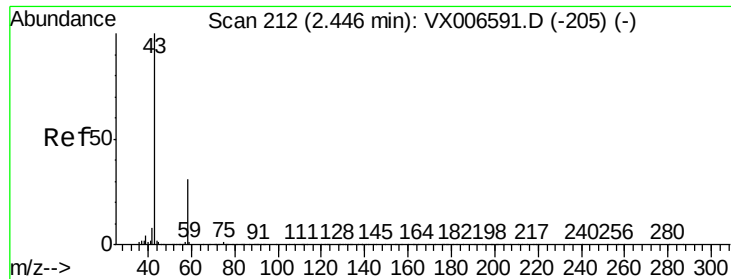
2000

0

3.00 3.10 3.20

Time-->

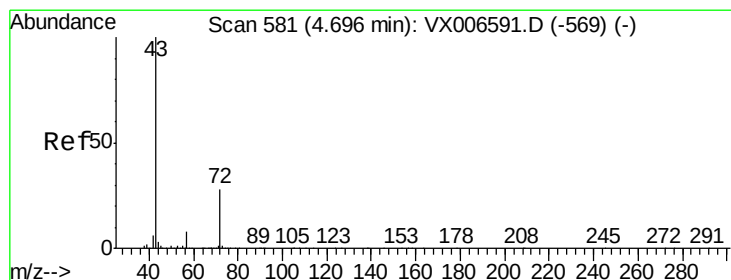
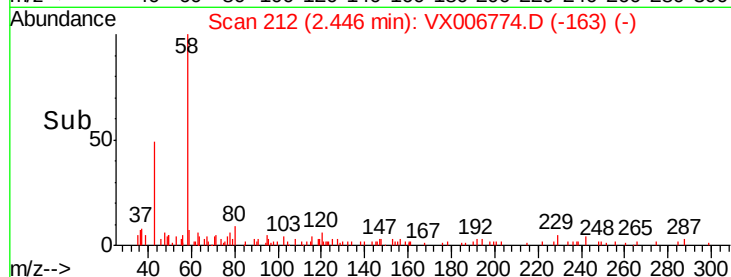
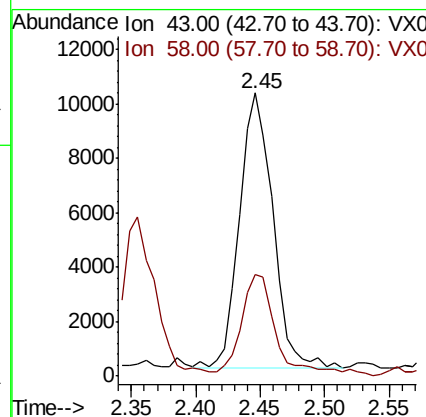
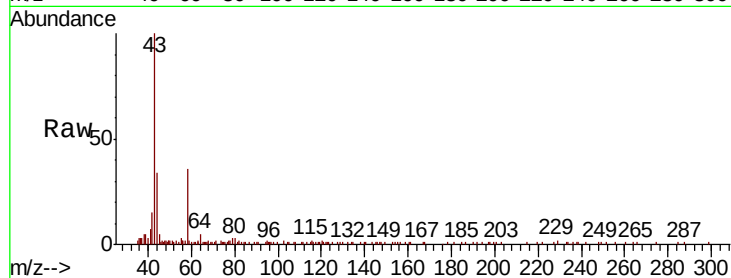




#16
Acetone
Concen: 5.774 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006774.D
Acq: 22 Dec 2018 16:09

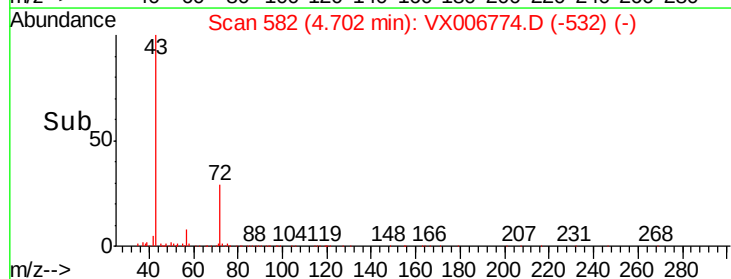
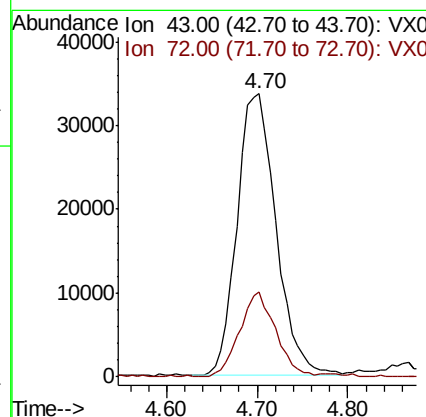
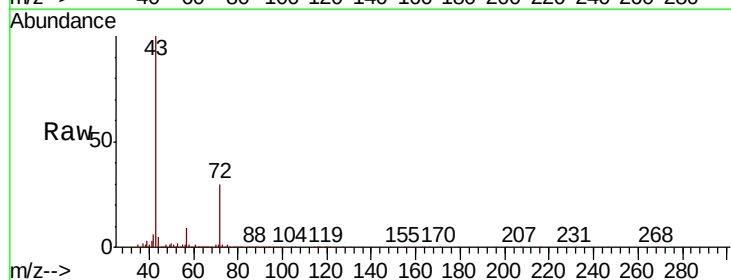
Instrument :
MSVOA_X
ClientSampled :
COMP-4

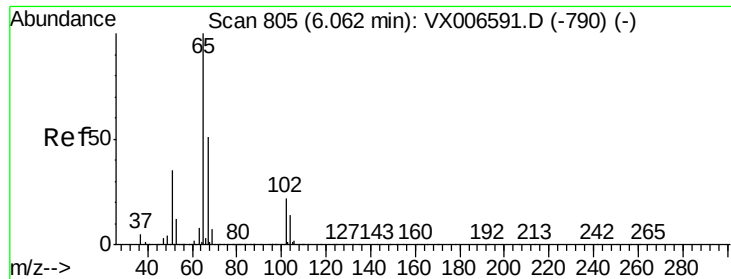
Tot Ion: 43 Resp: 18211
Ion Ratio Lower Upper
43 100
58 35.6 25.0 37.6



#25
2-Butanone
Concen: 22.553 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006774.D
Acq: 22 Dec 2018 16:09

Tgt Ion: 43 Resp: 100062
Ion Ratio Lower Upper
43 100
72 30.1 22.4 33.6

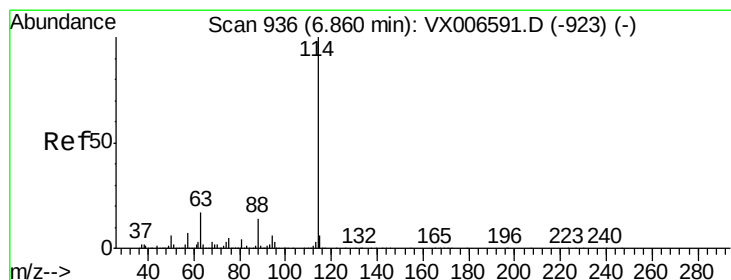
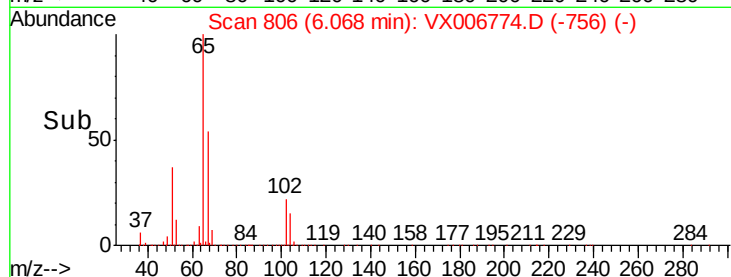
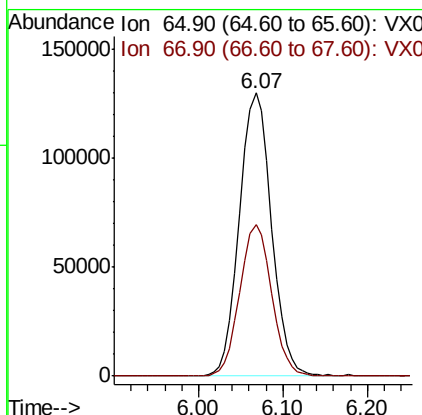
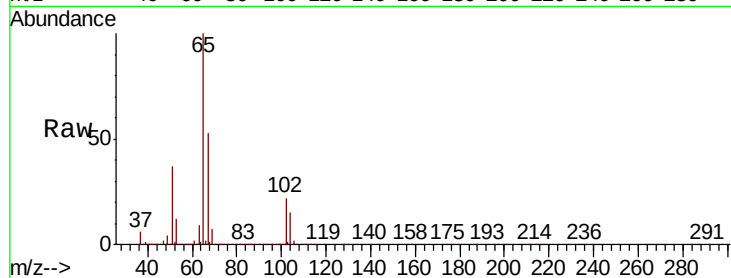




#33
 1,2-Dichloroethane-d4
 Concen: 48.793 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006774.D
 Acq: 22 Dec 2018 16:09

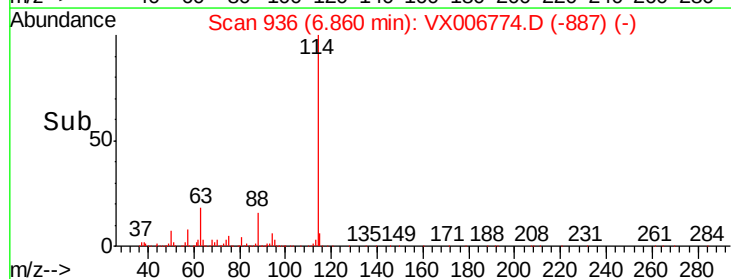
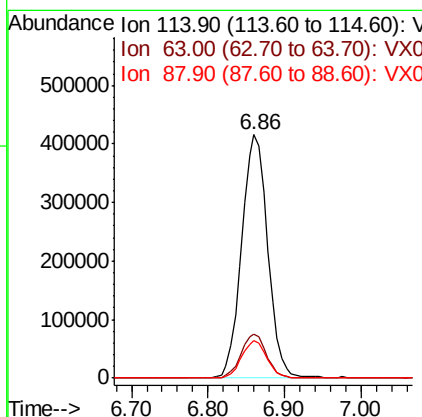
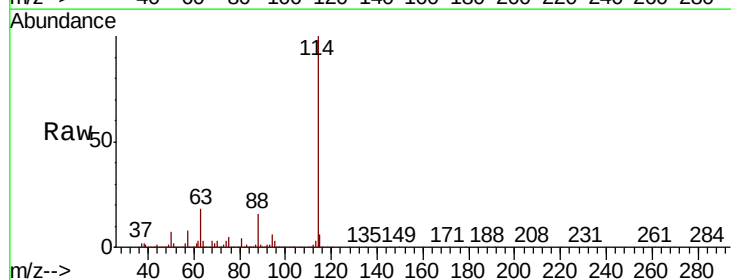
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-4

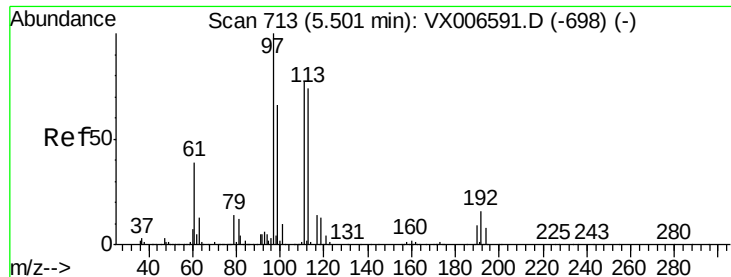
Tot Ion: 65 Resp: 334986
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006774.D
 Acq: 22 Dec 2018 16:09

Tgt Ion: 114 Resp: 983803
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 15.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.622 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006774.D

Acq: 22 Dec 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

COMP-4

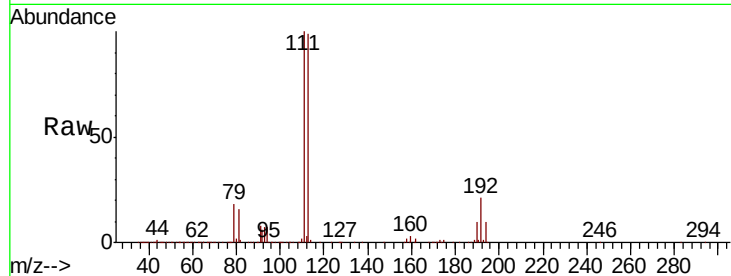
Tot Ion:113 Resp: 296276

Ion Ratio Lower Upper

113 100

111 100.5 81.6 122.4

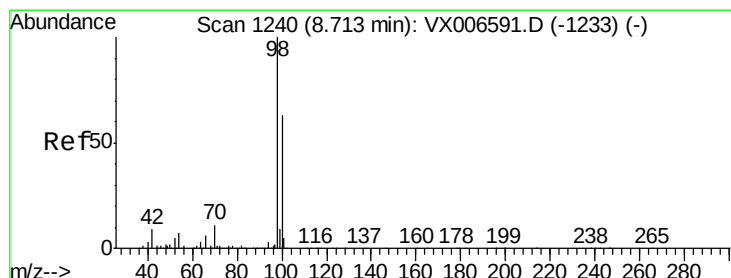
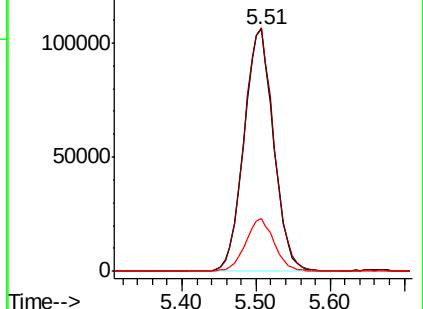
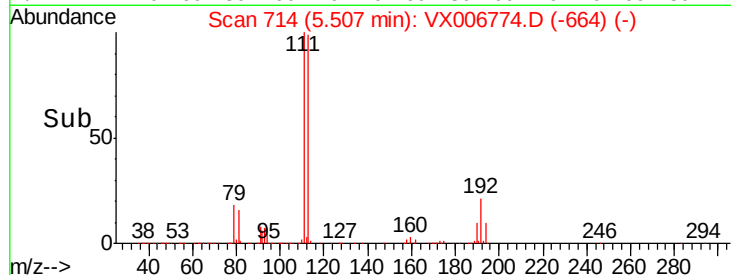
192 21.1 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.069 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006774.D

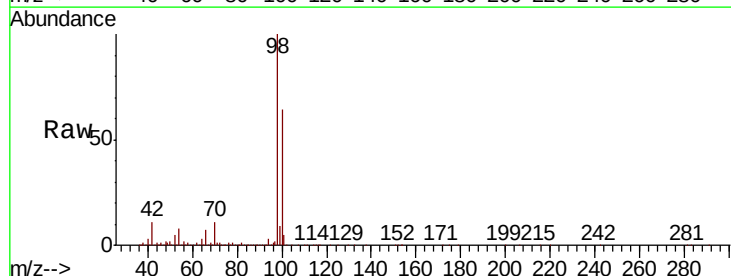
Acq: 22 Dec 2018 16:09

Tgt Ion: 98 Resp: 1150906

Ion Ratio Lower Upper

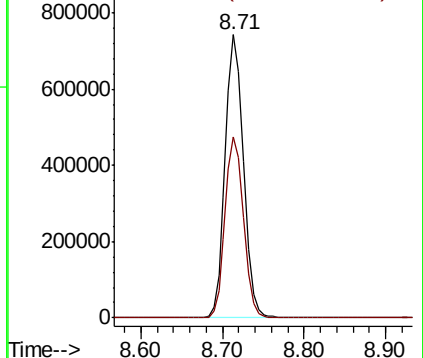
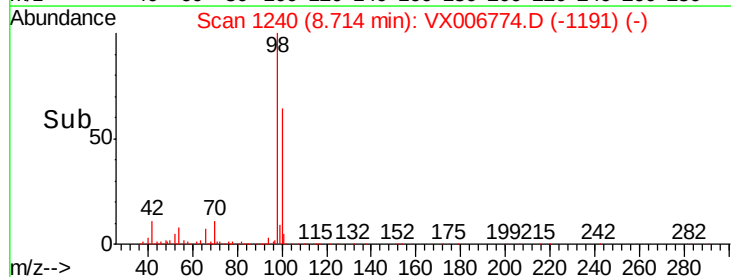
98 100

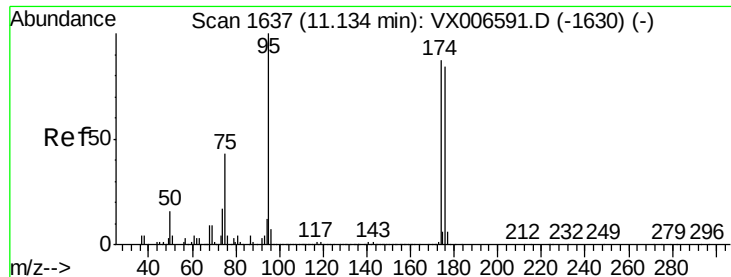
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

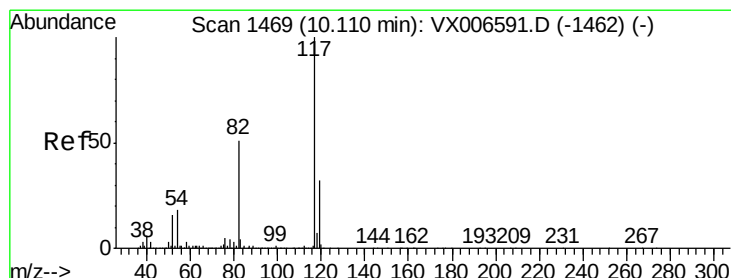
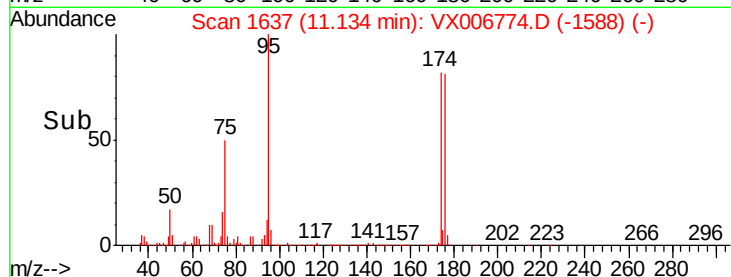
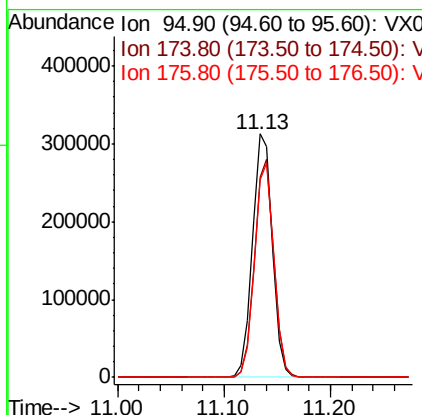
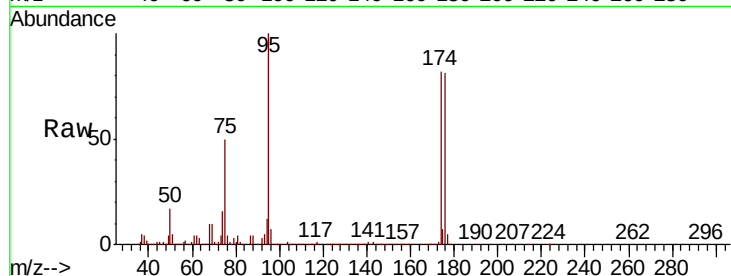




#62
4-Bromofluorobenzene
Concen: 47.841 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006774.D
Acq: 22 Dec 2018 16:09

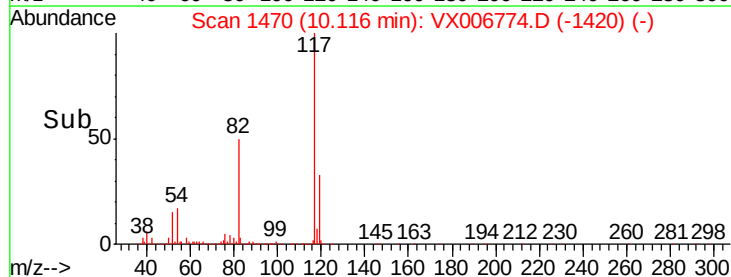
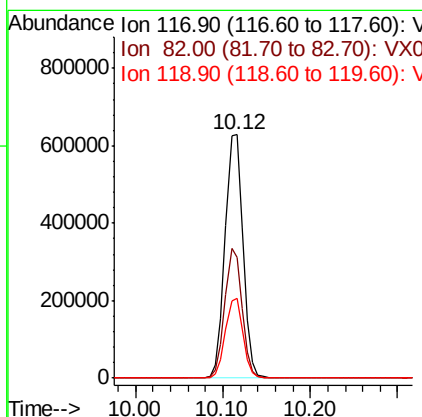
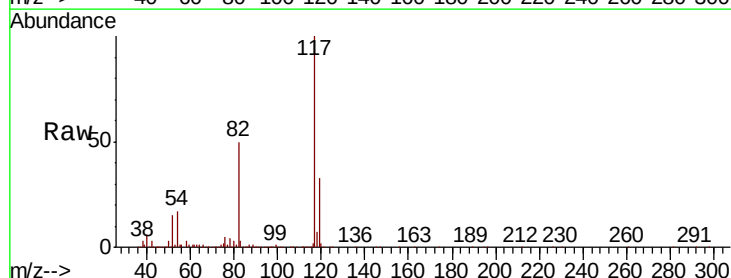
Instrument :
MSVOA_X
ClientSampled :
COMP-4

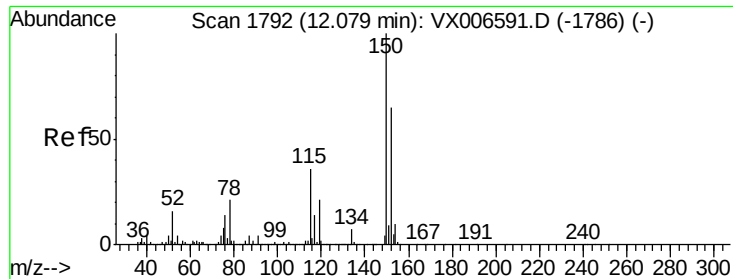
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	182.2
176	85.8	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006774.D
Acq: 22 Dec 2018 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.0	61.6
119	32.7	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006774.D

Acq: 22 Dec 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

COMP-4

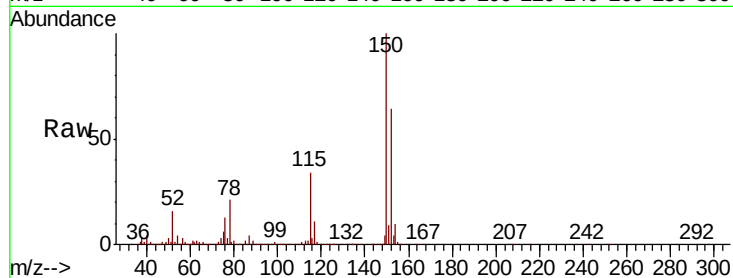
Tot Ion:152 Resp: 430345

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

150 156.5 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

